

**Questionnaire on the Professional Ethical Awareness of  
Chinese Engineering Practitioners**

1. What is your type of work? (choose as many as appropriate)

- A. Civil engineering
- B. Electrical engineering
- C. Chemical engineering
- D. Mechanical engineering
- E. Energy and power engineering
- F. Computer engineering
- G. Aeronautics and astronautics engineering
- H. Hydraulic engineering
- I. Materials engineering
- J. Marine engineering
- K. Environmental microbial engineering
- L. Biological engineering
- M. Others, please be specific \_\_\_\_\_

2. How long have you engaged in engineering-related work?

\_\_\_\_\_ Years

3. Do you have the occupational title of an engineer?

- A. I do not have an occupational title with “engineer” in it
- B. Assistant engineer
- C. Engineer
- D. Senior engineer
- E. Professor-level senior engineer
- F. Research senior engineer
- G. Other engineering title, please be specific\_\_\_\_\_

4. How well do you know the engineer registration system for practicing qualifications?

- A. Never heard of it
- B. Know a little
- C. Know moderately well
- D. Know very well

5. How well do you know an association or society of engineers?

- A. Never heard of one
- B. Know a little
- C. Know moderately well

D. Know very well

6. Are you a member of an association or society of engineers?

A. Yes

B. No

7. How well do you know the constitutions of an association or society of engineers?

A. Never heard of one

B. Know a little

C. Know moderately well

D. Know very well

8. How well do you know the code of ethics of an association or society of engineers?

A. Never heard of it

B. Know a little

C. Know moderately well

D. Know very well

9. Engineering has a direct and vital impact on the quality of life for all people.

A. Strongly disagree

B. Disagree

C. Undecided

D. Agree

E. Strongly Agree

10. What is the primary focus of your engineering outcomes?

A. Safety

B. Efficiency

C. Reliability

D. Profit

E. Innovation

F. Sustainability

G. Effectiveness

H. Beauty

I. Other, please be specific\_\_\_\_\_

11. What do you hold paramount in your work?

A. Employer's interest

B. Customers' interests

C. The safety, health, and well-being of the public

D. Personal interests

E. Others, please be specific\_\_\_\_\_

12. What do you think is the primary social function of engineering?

A. Promoting technological innovation

B. Improving the material condition of humanity

C. Enhancing national strength

D. Other, please be specific\_\_\_\_\_

13. Good engineering is not simply technical adeptness (though it is that) but also morally good (in the sense of serving the moral ideal of improving the material condition of humanity or the like without violating any justified moral standard).

A. Strongly disagree

B. Disagree

C. Undecided

D. Agree

E. Strongly Agree

14. Why did you answer the question 13 the way you did?

15. Engineers should perform services only in the areas of their competence.

A. Strongly disagree

B. Disagree

C. Undecided

D. Agree

E. Strongly Agree

16. Do you actually refer to engineers' *technical* standards in your work?

A. Never

B. Rarely

C. Sometimes

D. Most of the time

E. Always

17. Do you actually follow engineers' standards of *conduct* in your work?

A. Never

B. Rarely

C. Sometimes

D. Most of the time

E. Always

18. Do you care whether other engineers follow technical standards and standards of conduct (the ones engineers share)?

A. I don't care at all

B. I don't much care

C. I don't know

D. I care somewhat

E. I care very much

19. Why did you answer the question 18 the way you did?

20. Do you like to conduct yourself in a way beyond what law, market, morality, and public opinion would otherwise require?

A. I hate it.

B. I moderately dislike it.

C. I am neutral.

D. I moderately like it.

E. I like it very much.

21. Why did you answer the question 20 the way you did?

22. Engineers should not emphasize technical competence without serious consideration of whether the projects in which they are involved are really good (for the safety, health, and well-being of the public, environmentally-friendly etc.) projects.

A. Strongly disagree

B. Disagree

C. Undecided

D. Agree

E. Strongly Agree

23. Why did you answer the question 22 the way you did?

24. What do you think is the greatest achievement of an engineer?

A. Contributing to technological innovation

B. Guaranteeing the safety and quality of engineering

C. Helping to meet human needs for engineering services and products

D. Enhanced social status



E. Increasing Income

F. Others, please be specific\_\_\_\_\_

25. Engineers should serve with fidelity the public, their employers and clients.

A. Strongly disagree

B. Disagree

C. Undecided

D. Agree

E. Strongly Agree

26. Engineers should consider environmental impact and sustainable development in the performance of their professional duties.

A. Strongly disagree

B. Disagree

C. Undecided

D. Agree

E. Strongly Agree

27. Engineers should act in such a manner as to uphold and advance the integrity, honor and dignity of the engineering profession.

A. Strongly disagree

B. Disagree

C. Undecided

D. Agree

E. Strongly Agree

### **Demographics**

1. What is your year of birth?

\_\_\_\_\_ Year

2. What is your gender?

A. Male

B. Female

C. Other

3. What is the highest degree of education you have had?

A. Less than a Bachelor's degree

B. Bachelor's degree

C. Master's degree

D. PhD degree